

Component	Description	Part Number
REF SCHEMATIC	BOARD, PC, TS INTERFACE, REV A	754 239 12
REF RAW	BOARD, PC, TS INTERFACE, REV B	754 239 32
REF DRAWING	BOARD, PC, TS INTERFACE, REV A	754 239 52
REF SUB ASSEMBLY/LIST	BOARD, PC, TS INTERFACE, REV C	754 239 43
REF MOUNTING HOLES	STANDOFF, PCB, 6-32 X .25 FLARE MT	312 061 90
REF U8	SOCKET, IC, DIP, 32-PIN	127 087 90
REF U9,10	SOCKET, IC, DIP, 28-PIN	127 011 90
REF U16	SOCKET, IC, 44-PIN, PLCC	127 046 90
C1-5,47,52	CAPACITOR, ELCTR, RL, 10UF, 16V, T/R	156 016 91
C14,53	CAPACITOR, CERAMIC, BYPASS, .33UF, 50V	152 073 90
C15,16,28,29,30,54	CAPACITOR, CERAMIC, AX, .01UF, 50V, X7R T/R	152 219 91
C17	CAPACITOR, CERAMIC, 100PF, 10%, 50V, COG, AX TR	152 075 91
C18-20,23,24,31,32,34-41,43,45	CAPACITOR, CERAMIC, .1UF, 50V, +80-20%, AX T/R	152 078 91
C21,22,25-27	CAPACITOR, CERAMIC, 3300PF, 100V, X7R, AX T/R	152 149 91
C33	CAPACITOR, CERAMIC, 56PF, 10%, 100V, NPO, AX T/R	152 147 91
C42,44	CAPACITOR, CERAMIC, 22PF, 5%, 50V, NPO, AX T/R	152 080 91
C46	CAPACITOR, CERAMIC, 2200PF, 10%, 50V, AX T/R	152 150 91
C48-51	CAPACITOR, ELEC, RAD, 47UF, 50V, 6.3 X 11	156 076 90
CR1-8,11,12	DIODE, SW., 100V, 100MA, 1N4148	480 033 91
CR9	DIODE, SCHOTT, 30V, 1A, 1N5818	480 059 91
CR10	SUPPRESSOR, VOLTAGE, 5V/5W, 1N6373	483 010 90
J100	CONNECTOR, HDR, 5-PIN, STR, RP	211 377 90
J101	CONNECTOR, HDR, 6-PIN, STR, SHR, RP	211 342 90
J102	CONNECTOR, HDR, 2-PIN, STR, SHR, RP	211 344 90
Q1	TRANSISTOR, NPN, GEN PURP, 2N3904 T/R	481 017 91
R1	RESISTOR, CF, 100K OHM, .25W T/R	474 010 91
R2,11	RESISTOR, CF, 43K OHM, 5%, .25W T/R	474 162 91
R3	RESISTOR, CF, 240K OHM, .25W T/R	474 067 91
R4	RESISTOR, CF, 360K OHM, 5%, .25W T/R	474 161 91
R5	RESISTOR, CF, 560K OHM, .25W, 5% T/R	474 164 91
R6,56	RESISTOR, CF, 150K OHM, .25W T/R	474 045 91
R7	RESISTOR, CF, 27K OHM, .25W T/R	474 040 91
R8	RESISTOR, CF, 68K OHM, .25W T/R	474 043 91
R9,10,13,14	RESISTOR, MF, 499 OHM, .25W 1% T/R	476 072 91
R12	RESISTOR, CF, 1.3K OHM, .25W T/R	474 024 91
R15	RESISTOR, MF, 4.99K OHM, .25W, 1% T/R	476 013 91
R17,34	RESISTOR, CF, 22K OHM, .25W T/R	474 028 91
R18,21,22,25,26,29,30,33,36,43,46,53	RESISTOR, MF, 10K OHM, .25W, 1% LP	476 014 90
R19,20,23,24,27,28,31,32	RESISTOR, MF, 14.7K OHM, .25W, 1% T/R	476 071 91
R35,39,40,44,45,49,50,54	RESISTOR, MF, 82.5K OHM, .25W, 1% T/R	476 074 91
R37,42,47,52	RESISTOR, MF, 49.9K OHM, .25W, 1% T/R	476 062 91
R38,41,48,51	RESISTOR, MF, 35.7K, .25W, 1% T/R	476 022 91
R55,62,71	RESISTOR, CF, 1K OHM, .25W T/R	474 023 91
R57,72	RESISTOR, CF, 470 OHM, .25W T/R	474 020 91
R58,59	RESISTOR, CF, 150 OHM, .25W T/R	474 053 91
R60	RESISTOR, CF, 15K OHM, .25W T/R	474 027 91
R61,70	RESISTOR, CF, 330 OHM, .25W T/R	474 054 91
R63	RESISTOR, MF, 562 OHM, .25W, 1% T/R	476 070 91
R64,65	RESISTOR, CF, 51 OHM, .25W T/R	474 096 91
R66	RESISTOR, CF, 2K OHM, .25W T/R	474 060 91
R67	RESISTOR, CF, 220 OHM, .25W T/R	474 018 91
R68	RESISTOR, CF, 120 OHM, 5%, .25W T/R	474 087 91
R69	RESISTOR, CF, 4.7K OHM, .25W T/R	474 025 91
RP1-4	RESISTOR, NET, 200K, 88.7, 11.3, 7P, SIP	478 115 90
RP5,6	RESISTOR, NTWK., 4.7K-9, 10P, SIP	478 022 90
RV1,2	TRANS GUARD, 5.6V, 0.1J, AXIAL T/R	483 050 91
U1,14	IC, 8 CH, ANALG MULTXR, 4051	323 022 90
U2,13	IC, CONTR, DECAD, 4B, DUAL, 74HC390	320 498 90
U3	IC, GATE, QUAD, 2NP, NAND, 74HC00	320 238 90
U4	IC, SCHMITT TRIGGER, HEX 74AC14	320 632 90
U5	IC, GATE, OR, QUAD, 2-IN, 74HC32	320 275 90

Component	Description	Part Number
U6	IC, OP AMP, QUAD, LT1127	323 020 90
U7	IC, 25MHZ, QUAD AMP, LT1359 CN	320 643 90
U8	EPROM, 29C512, T/S VER 1 ASY	708 065 00
U9	EPROM, 27C256, T/S VER 1 ASY	708 066 00
U10	RAM, STATIC, C-MOS, 8KX8, 12ONS	706 008 90
U11,12	IC, FILTER, SW CAP, QUAD, LTC1064	323 024 90
U15	IC, UP SUPERVISORY, MAX690	320 380 90
U16	MICROPROCESSOR, DS80C320, 25MHZ, PLCC	327 038 90
U17	IC, A/D CONV, 12 BIT, ADS774	325 112 90
U18,21	REGR, 5V FIXED, 3.0A, LOW DROP	488 033 90
U19	IC, LATCH, OCTAL, 74AC573	320 420 90
U20	IC, SWITCHED CAP, V CONV, LT1054	323 021 90
U22	OPTO, COUPLER, QUAD, ILQ2	370 024 90
U23	REG, NEG, ADJ/1.5A, TO220, LM337T	488 049 90
Y1	CRYSTAL, 22.1184 MHZ, HC-49/U	230 023 90

